

PTO-1390 (Rev. 12-2004)

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| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | ATTORNEY'S DOCKET NUMBER 04304/0202436-US0 |
| INTERNATIONAL APPLICATION NO. PCT/BR2003/000116 | | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/523741 |
| INTERNATIONAL FILING DATE 15 August 2003 | | PRIORITY DATE CLAIMED 16 August 2002 |
| TITLE OF INVENTION SYSTEM FOR DETECTING LOW VOLTAGE IN AN ELECTRIC APPLIANCE | | |
| APPLICANT(S) FOR DO/EO/US Fabio E. Rosa et al. | | |

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98 and PTO/SB/08a with two documents.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☒ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: Certificate of Express Mailing

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|--|-------------------------------------|---|------------|---|-----------------|
| U.S. APPLICATION NO. (if known, see 37 CFR 1.51) 10/523741 | | INTERNATIONAL APPLICATION NO. PCT/BR2003/000116 | | ATTORNEY'S DOCKET NUMBER 04304/0202436-USO | |
| 21. The following fees are submitted: | | | | Applicant Use | Office Use Only |
| <input checked="" type="checkbox"/> | a) Basic national fee\$300.00 | | | \$ 300.00 | |
| <input type="checkbox"/> | b) Examination fee\$200.00 | | | \$ | |
| <input type="checkbox"/> | c) Search fee\$500.00 | | | \$ | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ 300.00 | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | |
| Total Sheets | Extra sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | | |
| 14 - 100 = | /50 = | | x \$250.00 | | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)). | | | | \$ | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | |
| Total claims | 10 - 20 = | | x | \$ | |
| Independent claims | 1 - 3 = | | x | \$ | |
| MULTIPLE DEPENDENT CLAIM(s) (if applicable) | | | | \$ | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ 300.00 | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | | | \$ | |
| SUBTOTAL = | | | | \$ 300.00 | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)). | | | | \$ | |
| TOTAL NATIONAL FEE = | | | | \$ 300.00 | |
| Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | | | \$ | |
| TOTAL FEES ENCLOSED = | | | | \$ 300.00 | |
| Amount to be refunded: | | | | \$ | |
| Amount to be charged: | | | | \$ | |
| a. | <input checked="" type="checkbox"/> | A check in the amount of \$ 300.00 to cover the above fees is enclosed. | | | |
| b. | <input type="checkbox"/> | Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. | | | |
| c. | <input checked="" type="checkbox"/> | The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-0100. A duplicate copy of this sheet is enclosed. | | | |
| d. | <input type="checkbox"/> | Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status. | | | | | |
| SEND ALL CORRESPONDENCE TO: | | | | | |
| Joseph R. Robinson DARBY & DARBY P.C. P.O. Box 5257 New York, New York 10150-5257 (212) 527-7783 CUSTOMER NUMBER: 07278 | | | | | |
| SIGNATURE: <i>[Signature]</i> Louis J. DeJuidice | | | | | |
| NAME | | | | | |
| 47,522 | | | | | |
| REGISTRATION NUMBER | | | | | |

Application No. (if known): Not Yet Assigned

Attorney Docket No.: 04304/0202436-US0

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV329021760-US in an envelope addressed to:

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Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Transmittal Letter to the United States Designated-Elected Office (2 pages)

First Preliminary Amendment (5pp)

Application Data Sheet (3pp)

Affirmation of Claim for Priority (1pp) and copy of PCT/IB/304

Information Disclosure Statement (2pp); PTO/SB/08a (1pp) and two documents

Check in the amount of \$300.00

Return receipt postcard